

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

Claims 1-9 (Canceled)

10. (New) A computerized method for enabling a device using a web browser that does not support Cascading StyleSheets (CSS) to request a Web HyperText Markup Language (HTML) page that includes CSS through a network and a display, while using all presentation features of the included CSS that the web browser can support through the network, the method comprising:

receiving a request from the device for obtaining the Web HTML page;

forming a Request rule list by identifying the requesting device, aggregating all device and network display possibility information, and suppressing contradictory information, the network display possibilities having a highest priority;

retrieving the requested Web HTML page from a Web server;

aggregating all CSS presentation definitions of the Web HTML page while suppressing any conflicting CSS presentation definitions in a resulting CSS rule list;

modifying any statement of the Web HTML page that is not related to CSS, each modified statement reflecting the CSS rule list while taking into account the device and network display possibilities as stated in the Request rule list; and

transmitting to the device the HTML page comprising the modified statements.

11. (New) The method of claim 10, wherein the modifying includes:

creating an action list of the modifications to bring to the Web HTML page that are not related to CSS; and

interpreting these actions to create the modified statements.

12. (New) The method of claim 10, wherein the aggregating all CSS presentation definitions includes:

collecting the CSS presentation definitions embedded in the retrieved Web HTML page; and

reading from a Web server, the address of which is provided in an HTML statement, the CSS presentation definitions included in a CSS file stored on the Web server.

13. (New) The method of claim 12, further comprising storing the CSS file read from the Web server on a CSS cache file.

14. (New) The method of claim 10, further comprising performing an added value function concerning activity of the device using the request from the device.

15. (New) The method of claim 10, further comprising storing information on device capabilities, device preferences and network preferences in repositories, the aggregating all device and network preferences including reading the repositories.

16. (New) The method of claim 10, further comprising, before the transmitting, suppressing all statements of the Web HTML page that are included in the retrieved Web HTML page and that are related to CSS.

17. (New) A system for enabling a device using a web browser that does not support Cascading StyleSheets (CSS) to request a Web HyperText Markup Language (HTML) page that includes CSS through a network and a display, while using all presentation features of the included CSS that the web browser can support through the network, the system comprising:

- a system for receiving a request from the device for obtaining the Web HTML page;
- a system for forming a Request rule list by identifying the requesting device, aggregating all device and network display possibility information, and suppressing contradictory information, the network display possibilities having a highest priority;
- a system for retrieving the requested Web HTML page from a Web server;
- a system for aggregating all CSS presentation definitions of the Web HTML page while suppressing any conflicting CSS presentation definitions in a resulting CSS rule list;
- a system for modifying any statement of the Web HTML page that is not related to CSS, each modified statement reflecting the CSS rule list while taking into account the device and network display possibilities as stated in the Request rule list; and
- a system for transmitting to the device the HTML page comprising the modified statements.

18. (New) The system of claim 17, wherein the system for modifying includes:

- a system for creating an action list of the modifications to bring to the Web HTML page that are not related to CSS; and
- a system for interpreting these actions to create the modified statements.

19. (New) The system of claim 17, wherein the system for aggregating all CSS presentation definitions includes:

a system for collecting the CSS presentation definitions embedded in the retrieved Web HTML page; and

a system for reading from a Web server, the address of which is provided in an HTML statement, the CSS presentation definitions included in a CSS file stored on the Web server.

20. (New) The system of claim 19, further comprising a system for storing the CSS file read from the Web server on a CSS cache file.

21. (New) The system of claim 17, further comprising a system for performing an added value function concerning activity of the device using the request from the device to .

22. (New) The system of claim 17, further comprising a system for storing information on device capabilities, device preferences and network preferences in repositories, the system for aggregating all device and network preferences including a system for reading the repositories.

23. (New) The system of claim 17, further comprising, a system for suppressing all statements of the Web HTML page that are included in the retrieved Web HTML page and that are related to CSS.

24. (New) A computer program product stored on a computer-readable medium for enabling a device using a web browser that does not support Cascading StyleSheets (CSS) to request a Web HyperText Markup Language (HTML) page that includes CSS through a network and a display, while using all presentation features of the included CSS that the web browser can support through the network, the computer program product comprising program code for enabling a computer to:

- receive a request from the device for obtaining the Web HTML page;

- form a Request rule list by identifying the requesting device, aggregating all device and network display possibility information, and suppressing contradictory information, the network display possibilities having a highest priority;

- retrieve the requested Web HTML page from a Web server;

- aggregate all CSS presentation definitions of the Web HTML page while suppressing any conflicting CSS presentation definitions in a resulting CSS rule list;

- modify any statement of the Web HTML page that is not related to CSS, each modified statement reflecting the CSS rule list while taking into account the device and network display possibilities as stated in the Request rule list; and

- transmit to the device the HTML page comprising the modified statements.

25. (New) The program product of claim 24, wherein the program code for enabling a computer to modify includes program code for enabling a computer to:

- create an action list of the modifications to bring to the Web HTML page that are not related to CSS; and

- interpret these actions to create the modified statements.

26. (New) The program product of claim 24, wherein the program code for enabling a computer to aggregate all CSS presentation definitions includes program code for enabling a computer to:

collect the CSS presentation definitions embedded in the retrieved Web HTML page; and

read from a Web server, the address of which is provided in an HTML statement, the CSS presentation definitions included in a CSS file stored on the Web server.

27. (New) The program product of claim 24, further comprising program code for enabling a computer to perform an added value function concerning activity of the device using the request from the device.

28. (New) The program product of claim 24, further comprising program code for enabling a computer to store information on device capabilities, device preferences and network preferences in repositories, the program code for enabling a computer to aggregate all device and network preferences including program code for enabling a computer to read the repositories.

29. (New) The program product of claim 24, further comprising program code for enabling a computer to suppress all statements of the Web HTML page that are included in the retrieved Web HTML page and that are related to CSS.